

NENAHNEZAD FISH PASSAGE NAVAJO FISH & WILDLIFE DEPARTMENT

NARRATIVE REPORT JULY 01-31, 2003

I. SIGNIFICANT ACCOMPLISHMENTS

- A. Recording of Rare Endangered Native species of fishies, through their usage of the passage on the San Juan River.
- B. Establishing compound's maintenance, water diversion and preparation of holding tanks, for Channel catfish.
- C. Provided employment to one (1) student under the Office of Dine' Youth in which I am providing work experience and education in the field of Research and Management of Endangered Fish. Student has learned valuable information on monitoring native species of fishes.
- D. Handling of Colorado Pike minnow, Round tail chub, and Razorback suckers. Recording information needed for research and management of the species.

II. PLANNED ACTIVITIES

- A. Plan to begin assisting U.S. Fish and Wildlife Service and Bureau of Indian Affairs at NAPI Razorback grow out ponds. Transfer of Razorback suckerfish species to other ponds while ponds are being maintained.
- B. Will coordinate and assist the US Fish and Wildlife Service in the San Juan River Basin Electro fishing project for three (3) consecutive days. More hands on training on fish species identification and pit tagging native species of fishes.
- C. Scheduled tours for the Nenahnezad Save the Children Program in which we provide education in endangered fish, types of native fish and natural resources.
- D. Community involvement by educating community about different types of endangered fishes, the projects proposed and objectives. Plan and already have gotten involved with local fisherman. Talking and explaining the different species of native fishes. Educated community on which endangered fishes to look out for and to revive until able to be released.

IV. STATISTICAL INFORMATION

SEE ATTACHED DEMOGRAPHICS

1. Native Species, Pit and Floy tagged fish
2. Total Fish Using Fish Passage

V. RECOMMENDATIONS

- A. Recommend a more permanent power source for the compound then the use of a generator. Power is insufficient for the cranes and hoist motors, as we have had to have two motors repaired. Refueling and maintenance of the generator is time consuming.
- B. Recommend installation of a phone line at the compound for better communication. There is no way to contact outside resources or to be contacted by other departments. At present, I am utilizing my own personal cell phone for communication purposes.
- C. Recommend the purchase of a digital camera to photograph rare species of fish for identification and a lap top computer to send information and photos via e-mail to Navajo Fish and Wildlife Dept.in Windowrock, US Fish and Wildlife in Grand Junction and Albuquerque and to also maintain and store program data.
- D. Request for a two-way radio for safety concerns, due to recent occurrences of people swimming in the river.
- E. Met with members of the Biological committee, and have mention the concerns here at this Facility.

VI. PROBLEMS ENCOUNTERED

- A. Silt has been building up in the passage traps due to no sluth canal. Engineers from the BIA have come to the facility to survey the problem and give their recommendation on their analysis. A proposal is in the process of being submitted to the Bureau of Reclamation on the proposed project cost and scope of work.
- B. Water flow had been as low as 16 inches for the Month of July. It has become nessesary to remove the log in front of the Head gates to allow more water to enter the passage. There have been days documented of no fish using the passage due to the low amounts of water entering the passage gates.

SUBMITTED BY:

**ALBERT LAPAHIE
FISH CULTURIST
NAVAJO FISH AND WILDLIFE DEPARTMENT**

NENAHNEZAD FISH PASSAGE
SAN JUAN RIVER BASIN IMPLAMENTATION PROGRAM
JULY 01-31,2003 ***TOTAL FISH USING FISH PASSAGE***

	NATIVE FISH						NON-NATIVE FISH									
DATE BY DAY	FLANNEL MOUTH	BLUE HEAD	SPECKLED DAKE	PIKE MINNOW	ROUND TAIL	RAZOR BACK	COMMON CARP	CHANNEL CATFISH	WHITE SUCKER	FAT HEAD	YELLOW BULL HEAD	LARGE MOUTH BASS	RED SHINNER	GREEN SUN FISH	BROWN TROUT	TOTAL FISH PERDAY
1	5	92	27	0	0	0	0	2	0	3	0	0	0	1	0	130
2	11	180	52	0	0	0	0	11	1	0	0	1	0	0	0	256
3	25	148	130	2	0	0	0	46	0	0	0	0	0	0	1	352
	WEEKEND															0
7	NO FISH		START	UP												0
8	1	38	111	0	0	0	0	12	0	2	0	0	0	0	0	164
9	17	68	2	0	0	0	0	4	0	0	0	0	0	0	0	91
10	10	146	50	0	0	0	0	13	2	0	0	0	0	0	0	221
11	16	113	0	0	0	0	0	4	0	0	0	0	0	0	0	133
12	9	84	6	0	0	0	0	8	0	0	0	0	0	0	0	107
13	12	83	0	0	0	0	0	5	1	0	0	0	0	0	0	101
14	2	33	1	0	0	0	0	1	0	0	0	0	0	0	0	37
15	13	110	0	0	0	0	1	7	0	0	2	0	0	0	0	133
16	78	192	4	0	0	0	0	8	4	0	0	0	0	0	0	286
17	41	51	0	0	0	0	0	35	0	0	0	0	0	0	0	127
18	48	66	0	0	0	0	0	39	0	0	0	0	0	0	0	153
19	23	108	0	0	0	1	5	60	0	0	0	0	0	0	0	197
20	25	60	4	0	0	0	4	31	0	0	0	0	0	0	0	124
21	25	29	0	0	0	0	0	13	0	0	0	0	0	0	0	67
22	8	5	0	0	0	0	0	9	0	0	0	0	0	0	0	22
23	12	53	0	0	0	0	0	1	0	0	0	0	0	0	0	66
24	24	25	5	0	0	0	3	28	0	0	0	0	0	0	0	85
25	47	43	2	0	0	0	0	8	0	0	0	0	1	1	0	102
26	11	8	0	0	0	0	0	12	0	0	0	0	0	0	0	31
27	45	75	0	0	0	0	1	11	0	0	0	0	0	0	0	132
28	NO FISH															0
29	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
30	15	1	0	0	0	0	0	0	0	0	1	0	0	0	0	17
31	16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	18
					FISH TOTAL BY SPEICES											TOTAL =
	549	1812	395	2	0	1	14	368	8	5	3	1	1	2	1	3162

***NENAHNEZAD FISH PASSAGE
SAN JUAN RIVER BASIN RECOVERY
IMPLEMENTATION PROGRAM
JULY 01-31, 2003***

***PIT AND FLOY TAGGED NATIVE SPECIES OF
FISHES***

	DATE	TIME	SPECIES	T/LENGTH	S/LENGTH	WEIGHT	PIT TAG #	FLOY TAG #	CONDITION/COMMENTS
	COLORADO PIKEMINNOW			(Ptychocheilus lucius)					
1	JULY 03,2003	0830 hrs	Ptyluc	520 mm	440 mm	1166 gm	7F7B122152	N/A	Lost of weight,but very healthy revived and then released Recaptured from 06/20/03
2	JULY 03,2003	0830 hrs	Ptyluc	640 mm	550 mm	1984 gm	7F7D11472D	N/A	Excellant condition, Largest fish to use the passage so far. Revived then released up river
	RAZORBACK SUCKER			(Xyrauchen texanus)					
1	JULY 19,2003	1000 hrs	Xyrtex	402 mm	340 mm	652 gm	423E69336A	N/A	Left fin is damaged/bruised-Red and purple Checked records-second razor back through the passage. Different pit tag number
	CHANNEL CATFISH			(Ictalurus punctatus)					
1	JULY 08,2003	1530hrs	Ictpun	385 mm	332 mm	450 gm	N/A	Blue SJR 12764	Healthy